

## Material Safety Data Sheet - OSHA 174

**Materials Safety Data Sheet**  
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**US Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form) Form Approved OMB No. 1218-0072

### H.M.I.S. RATING

Health	1
Flammability	2
Reactivity	0
Protective Equip.	E

Last Rev Date: 07/20/2005

## HE108 - LAP CEMENT

### Section I

<b>Manufacturer's Name</b> HENRY COMPANY	<b>Emergency Telephone</b> 800-486-1278	<b>Telephone</b> 800-486-1278
<b>Address</b> HENRY COMPANY 2911 Slauson Ave HUNTINGTON PARK, CA 90255	<b>Primary Contact</b> Technical Services  <b>NFPA</b> 704	<b>Email</b> techservices@henry.com  <b>Preparer's Signature</b>

### Section II Hazardous Ingredients / Identity Information

Hazardous Component	CAS#	OSHA PEL	AGGIH TL	Other Limits	Percent
Asphalt	8052.42.4		0.5 mg/m3		
Petroleum Solvent (Mineral Spirits)	8052.41.3	100 ppm	100 ppm		

Comments: There are no S.A.R.A. 313 ingredients in this material in excess of De minimus amounts. "Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm."

### Section III Physical / Chemical Characteristics

<b>Boiling Point</b> 310-400 F	<b>Melting Point</b> N/A	<b>Max VOC (g/l)</b> 500
<b>Vapor Pressure (mm Hg)</b> 2@ 68F	<b>Evaporation Rate (Butyl Acetate=1)</b> <1	<b>Max VOS (lbs/gal)</b> 4.2
<b>Vapor Density (Air=1)</b> >1	<b>Weight Per Gallon</b> 7.6	<b>% Water Volume</b> 0
<b>Color</b> Black	<b>Solubility in Water</b> Not soluble	<b>% Water Weight</b> 0
<b>Odor</b> Strong petroleum solvent	<b>Appearance</b> Black fluid	<b>% Volatile</b> <40
<b>Specific Gravity</b> .91	<b>PH</b> N/A	

### Section IV Fire and Explosion Hazard Data

<b>Flash Point Method</b> CC	<b>Flash Point Temperature</b> 105°F	<b>LEL Flammable Limit</b> 0.9	<b>UEL Flammable Limit</b> 6.0
<b>Extinguishing Media</b> Foam, CO2, Dry Chemical, Water Fog, Spray (Water), Sand, Earth			
<b>Fire Fighting Procedures</b> Firemen should wear MSHA/NIOSH approved self-contained apparatus to protect against inhalation of combustion products.			
<b>Additional Procedures</b> During emergency conditions, overexposure to decomposition products may cause a health hazard. Keep containers tightly closed when not in use.			
<b>Unusual Fire and Explosion Hazards</b> Do not mix store with strong oxidants like liquid chlorine or oxygen. Keep containers tightly closed. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.			

## Section V Reactivity Data

Stability		Conditions to Avoid	
Material is Stable		N/A	
Incompatibility (Materials to Avoid)		Hazardous Decompositions or Byproducts	
Strong Oxidants		Fumes, Smoke, CO <sub>2</sub> , Carbon Monoxide if combustion is incomplete	
Hazardous Polymerization		Conditions to Avoid	
May Not Occur		Contact with moisture	

## Section VI Health Hazard Data

### Routes of Entry:

#### If in Eyes

##### Symptoms

- Eye irritation.
- Burning of eyes.

##### Emergency and First Aid Procedures

- Flush gently with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention.

#### If Ingested

##### Symptoms

- Gastrointestinal irritation.
- Nausea, vomiting, diarrhea.

##### Emergency and First Aid Procedures

- Do not induce vomiting. Call doctor immediately.

#### If Inhaled

##### Symptoms

- Dizziness, headaches, even unconsciousness or death.
- Irritation of upper respiratory tract.

##### Emergency and First Aid Procedures

- Remove from vapor immediately and if breathing is difficult, administer oxygen.
- If overcome, call physician.
- If breathing has stopped or is irregular, start resuscitation or administer oxygen, as needed.

#### If on Skin

##### Symptoms

- Moderate irritation.
- Defatting.
- Dermatitis.
- Prolonged and repeated skin contact can cause irritation.

##### Emergency and First Aid Procedures

- Remove contaminated clothes and wash with a waterless hand cleaner or soap and water.

## Section VII Precautions for Safe Handling and Use

### Steps to be taken in case material is released or spilled:

Recover free liquid. Add absorbent sand, earth, sawdust, etc to spill area. Avoid breathing vapors. Ventilate confined spaces. Open all windows and doors. Keep products out of sewers and watercourses.

### Waste Disposal Method:

Assure conformity with applicable Local, State, and Federal disposal regulations.

### Precautions for Handling and Storage:

Do not store near open flame or high heat sources.

### Other Precautions:

Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and laundry before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

## Section VIII Control Measures

### Ventilation

#### Local Exhaust

Face velocity 60 fpm

#### Mechanical (General)

N/A

#### Special Ventilation

Use only with adequate ventilation

#### Other

N/A

### Protective Equipment Required

#### Respirator

Wear suitable respirator (NIOSH/MSHA) approved or equivalent) where exposure limits are exceeded.

#### Gloves

Chemical resistant gloves

#### Goggles

Splash goggles or face shield

#### Clothing

Other clothing to avoid repeated skin contact

### Work Hygienic Practices

Practice good work hygiene

## Section IX Special Precautions for Safe Handling and Storage

### Precautions for Handling and Storage

KEEP AWAY FROM SOURCES OF IGNITION

### Other Precautions

Close air intakes on roof until solvent odor dissipates.

## Section X Transportation Data

### DOT

<b>Non-Bulk</b>	Not Regulated (Combustible liquid Non-Bulk, but see IATA for shipping by AIR)
<b>Bulk</b>	Combustible liquid, n.o.s., (Petroleum Distillates), Combustible liquid, NA1993, III
<b>or Bulk</b>	Elevated temperature liquid, flammable, n.o.s., (Petroleum Distillates), 3, UN3256, III
<b>Note</b>	If bulk departs below its flash point then NA1993; but if it is at or above flash point, then UN3256.

### IMDG

IMDG Code 2.3.2.5 - exempted from marking, labeling & testing of packages

### IATA

Flammable liquid, n.o.s., (Petroleum Distillates), 3, UN1993, III

## State Addendum

Ingredient	CAS Number	Notes
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Pennsylvania Hazardous Substance List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Florida Toxic Substances List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Massachusetts Hazardous Substance List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Minnesota Hazardous Substance List material
Petroleum Solvent (Mineral Spirits)	8052.41.3	A Washington State Permissible Exposure for Air Contaminants material
Asphalt	8052.42.4	A Washington State Permissible Exposure for Air Contaminants material
Asphalt	8052.42.4	A Florida Toxic Substances List material
Asphalt	8052.42.4	A Massachusetts Hazardous Substance List material
Asphalt	8052.42.4	A Minnesota Hazardous Substance List material
Asphalt	8052.42.4	A Pennsylvania Hazardous Substance List material
Asphalt	8052.42.4	Asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.